**Unit 8:**

**Objectives: After successful completion of this unit the student will be able to:**

1. **Identify the basic types of chemical reactions.**
2. **Define and differentiate the types of chemical reactions (e.g., single and double replacement, combination/synthesis, decomposition)**
3. **Use the activity series to predict reactivity.**
4. **Explain the heat change in a chemical reaction.**
5. Types of Reactions
   * 1. Endothermic
     2. Exothermic
     3. Combustion
     4. Synthesis
     5. Decomposition
     6. Single Replacement
     7. Activity Series
     8. Double Replacement